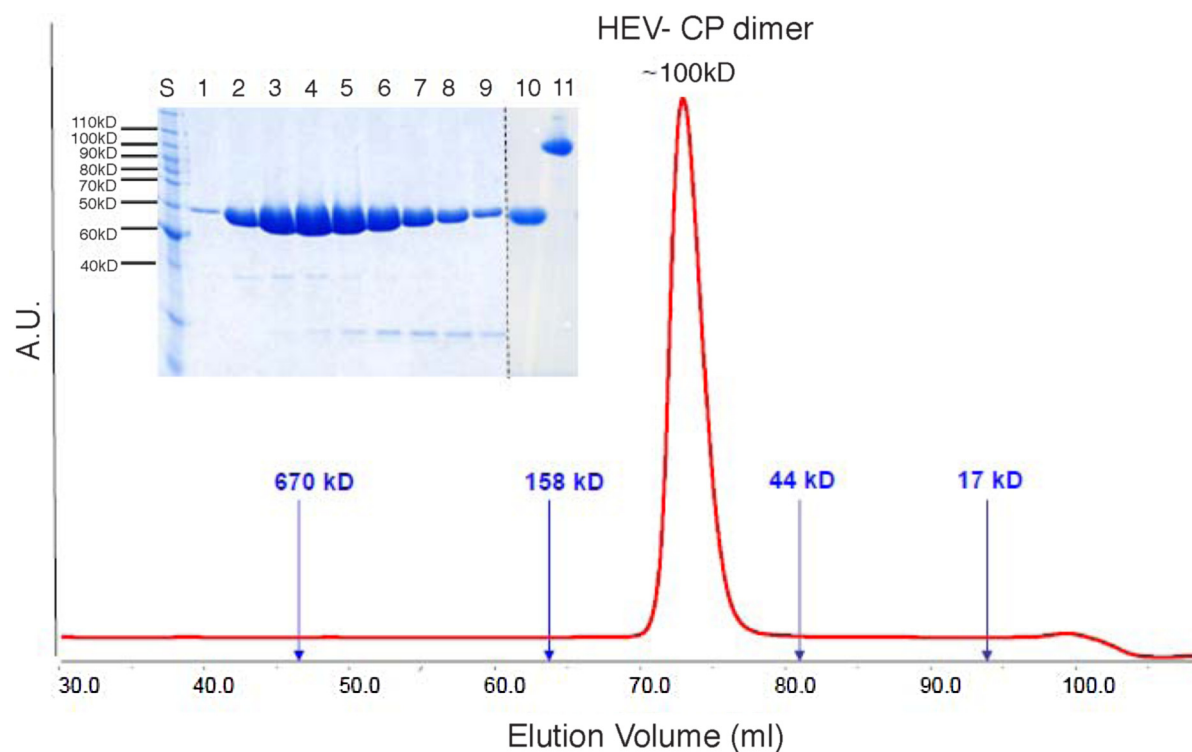
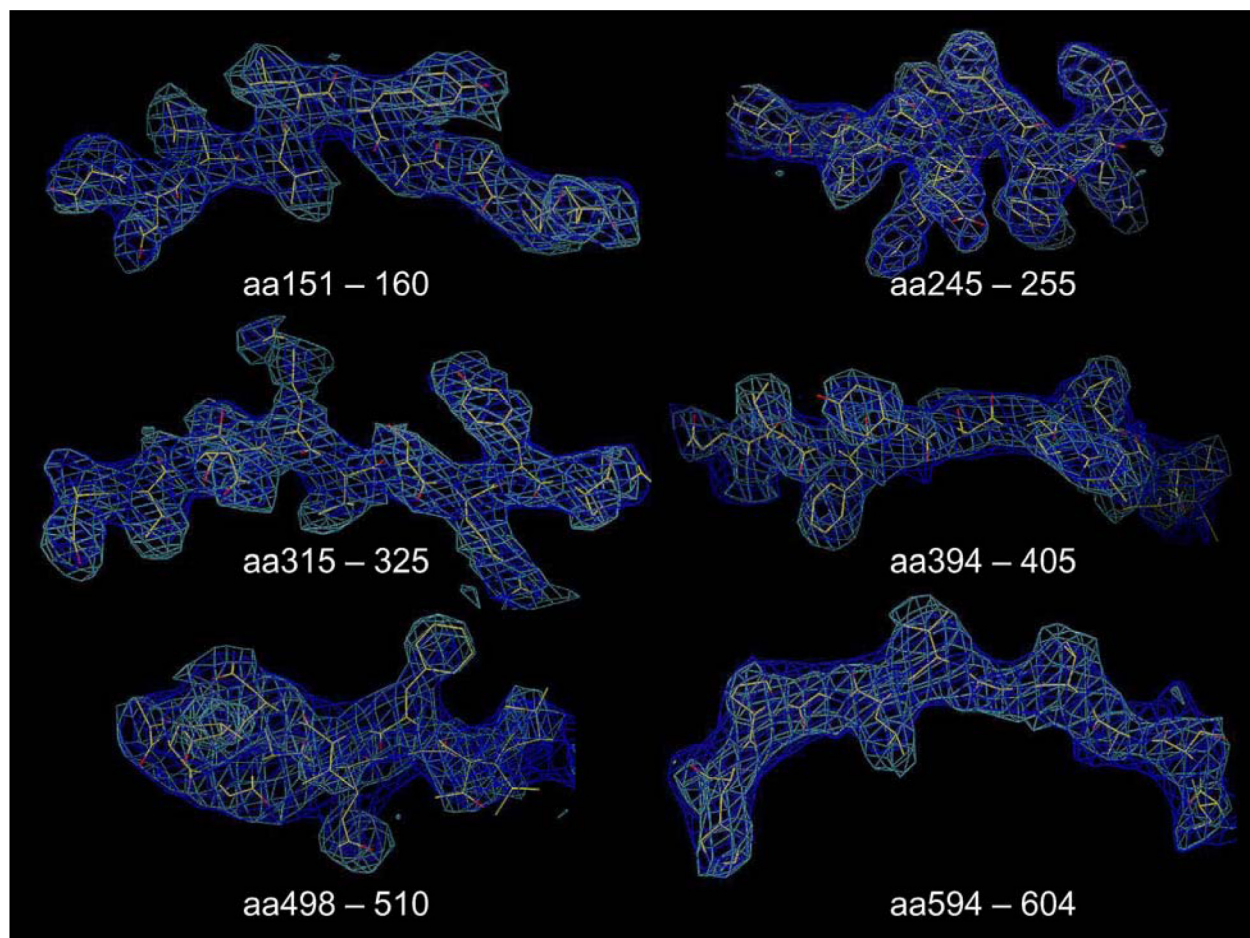


# Supporting Information

Guu et al. 10.1073/pnas.0904848106



**Fig. S1.** HEV-CP forms dimers in solution. The elution profile of HEV-CP from an S-200 gel filtration column shows a single molecular species at the approximate 100-kDa position, close to the 107 kDa molecular weight calculated for HEV-CP dimer. In the Coomassie-stained SDS/PAGE gel, lanes 2–9 are peak fractions from the gel filtration column. Boiled HEV-CP sample (lane 10) had a molecular weight of approximately 55 kDa, whereas unboiled HEV-CP (lane 11) had a molecular weight of approximately 110 kDa, indicating that the HEV-CP dimer was stable and remained associated in sample buffer containing 2% SDS.



**Fig. S2.** Electron density maps for HEV-VLP. The 2fofc map is shown in blue and the sharpened map (with  $B = -150 \text{ \AA}^2$ ) in light blue. Maps are sampled evenly throughout the polypeptide to give an overall impression of their quality. Each panel is labeled with residue numbers associated with that region. Aromatic side chains are shown whenever possible.

**Table S1. Data statistics**

## Data Collection

Space group	$P6_3$
Unit cell dimensions, Å	$a = 241.1, c = 519.9$
Resolution, Å	60–3.5
Total no. of frames	239 from two crystals
Total no. of reflections	5,236,044
Unique reflections	214,958
$I/\sigma$	11.5 (2.9)
Redundancy	6.9 (6.5)
Completeness, %	93.7 (92.8)
$R_{\text{merge}}$	20.9 (67.6)
Phase Extension	
Averaging $R$ -factor	31.7
Correlation coefficient (CC)	79.7
Refinement	
$R_{\text{free}}$	28.60
$R_{\text{work}}$	27.67

The numbers in parentheses are for the highest resolution shell.